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722

Applicant(s)/Patent under Reexamination

09/851,722

Examiner

RABENKO ET AL.
Art Unit

Roberta A. Shand

2665

| <b>√</b> | Rejected |
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(Through numeral)
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| Cla      | im       | n Date       |          |   |   |              |          |                 |                 | Cla       | im   | Date  |          |                 |                   |         |         |           |                 | Cla             | aim      | Date     |       |            |          |         |         |                         |          |          |   |              |          |
|----------|----------|--------------|----------|---|---|--------------|----------|-----------------|-----------------|-----------|------|-------|----------|-----------------|-------------------|---------|---------|-----------|-----------------|-----------------|----------|----------|-------|------------|----------|---------|---------|-------------------------|----------|----------|---|--------------|----------|
| <u>a</u> | Original | 9/26/05      |          |   |   |              |          |                 |                 |           |      | Final | Original |                 |                   |         |         |           |                 |                 |          |          | Final | Original   |          |         |         |                         |          |          |   |              |          |
|          | 1        | √            |          |   |   |              |          |                 |                 |           |      |       | 51       |                 |                   |         |         |           |                 |                 |          |          |       | 101        |          |         | 1       |                         |          |          | $\Box$  | $\Box$       |          |
|          | 2        | ^            |          |   |   |              |          |                 |                 |           |      |       | 52       |                 |                   |         |         |           |                 |                 |          |          |       | 102        |          |         |         |                         |          |          | $\perp$   |              |          |
|          | 3        | 1            |          |   |   |              | <u> </u> |                 |                 | _         |      |       | 53       | _               | 4                 | _       | ┸       | <u> </u>  | Ш               | _               |          |          |       | 103        |          | ┸       | _       | $\perp$                 | _        | _        | _   | $\perp$      | _        |
| _        | 4        | 1            |          |   |   |              |          | Ш               | Ш               | _         |      |       | 54       | 4               | $\perp$           | _       | ┸       | 퇶         | $\sqcup$        | _               | _        |          |       | 104        | -4-      | $\perp$ | 4       | $\bot$                  | $\perp$  | 4        | 4   | _            |          |
| _        | 5        | 1            |          |   |   | Ь.           | L        | Ш               |                 | _         |      |       | 55       | _               |                   | _       | 4       | 4         |                 |                 |          |          |       | 105        |          | 4       | _       | $\perp$                 | _        | _        | $\dashv$  | $\dashv$     | _        |
|          | 6        | √            |          |   |   | L_           | <u> </u> | Ш               | Ш               | _         |      |       | 56       | $\perp$         | _                 | _       | ┸       | 1         |                 | _               | _        |          |       | 106        |          | _       | $\perp$ | _                       | 4        | _        | 4   | _            | _        |
| _        | 7        | √            |          |   |   | ╙            | <u> </u> | Ш               | $\sqcup$        | _         |      |       | 57       | _               | 4                 | _       | 4       | 1         | $\sqcup$        | _               | 4        |          |       | 107        | _        | 4       | 4       | 4                       | 4        | _        | _   | 4            | 4        |
| _        | 8        | ,<br>_       |          |   |   | $oxed{oxed}$ | _        | Ш               | $\vdash$        | $\dashv$  |      |       | 58       | -               | 4                 | $\perp$ |         | ╀         |                 | _               |          |          |       | 108        |          | -       | $\bot$  | 4                       | -        | $\dashv$ | $\dashv$  | $\dashv$     | _        |
| -        | 9        | <b>√</b>     |          | _ |   | _            |          | Н               | $\vdash$        |           |      |       | 59       | -               | +                 | +       | +       | +         | $\vdash$        | _               | -        |          |       | 109        |          |         | -       | +                       | 4        | _        | -   | -            |          |
| _        | 10       | 1            |          |   |   | _            | -        | Н               | $\vdash$        | $\dashv$  |      |       | 9        | -+              |                   | +       |         | +         | $\vdash$        | $\dashv$        | $\dashv$ |          |       | 110        | +        | +       | +       | +                       | $\dashv$ |          | $\dashv$  | $\dashv$     | -        |
| $\dashv$ | 11       | /            |          | _ |   | -            | $\vdash$ | Н               | $\vdash$        | $\dashv$  |      |       | 61       | $\dashv$        | +                 | +       | +       | +         | $\vdash$        | $\dashv$        | $\dashv$ |          |       | 111        | $\dashv$ | +       | +       | +                       | $\dashv$ | -        | $\dashv$  | $\dashv$     | -        |
|          | 12       | < <          |          |   |   | ┝            | ₩        | Н               | $\vdash \vdash$ | $\dashv$  |      |       | 62       | $\dashv$        | +                 | +       | +       | +         | $\vdash$        | -               | $\dashv$ |          |       | 112        |          |         | +       | +                       | +        | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| $\dashv$ | 13<br>14 | 7            |          |   |   | <u> </u>     | ┿        | Н               | ⊢⊦              | -         |      |       | 63<br>64 | $\dashv$        | +                 | +       | +       | +         | $\vdash$        |                 |          |          |       | 113<br>114 |          | +       | +       | ┽                       | $\dashv$ | +        | $\dashv$  | -            | -        |
| -        | 15       | 7            |          |   |   |              | +        | Н               | $\vdash$        | $\dashv$  |      |       | 65       | $\dashv$        |                   | +       | -       | +         | $\vdash$        | -               | $\dashv$ | ŀ        |       | 115        | +        | +       | +       | +                       | $\dashv$ | -+       | $\dashv$  | $\dashv$     | -        |
| $\dashv$ | 16       | 7            |          |   |   |              | ╁        | Н               | $\vdash$        | $\dashv$  |      |       | 66       | $\dashv$        | +                 | +       | +       | ╁         | H               | _               | $\dashv$ | ŀ        |       | 116        | +        | +       | +       | +                       |          | $\dashv$ | +   | $\dashv$     | $\dashv$ |
| $\dashv$ | 17       | 7            |          | _ |   | ├            | ┢        | $\vdash$        | $\vdash$        | $\dashv$  |      |       | 67       | +               | +                 | +       | +       | +         | H               | +               | ㅓ        | ŀ        |       | 117        | +        | +       | +       | ╅                       | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     |          |
| +        | 18       | 7            | -        | _ |   | ┝            | ╁        | $\vdash$        | $\vdash$        | $\dashv$  |      |       | 68       | $\dashv$        | +                 | +       | +       | +         | $\vdash$        | $\dashv$        | ᅱ        | ŀ        |       | 118        | $\dashv$ | ┿       | +       | +                       | $\dashv$ |          | +   | $\dashv$     | $\dashv$ |
| -        | 19       | <del>→</del> | _        |   |   | Н            | ╁        |                 |                 | $\dashv$  |      |       | 69       | $\dashv$        | +                 | +       | +       | ╁╌        | 1-1             |                 | $\dashv$ | ŀ        |       | 119        | +        | +       | +       | -+                      | -        | -        | +   | +            | $\dashv$ |
| ᅥ        | 20       | ₹            |          |   | H | H            | ╁        |                 |                 | -         |      |       | 70       |                 | +                 | +       |         | +-        |                 |                 | ᅱ        | ŀ        |       | 120        | $\dashv$ | ╅       | +       | +                       | -+       | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| _        | 21       |              |          |   |   |              | $\vdash$ |                 |                 | $\dashv$  |      |       | 71       | $\dashv$        |                   | +       | _       | +         | 1-1             | _               | ⊣        |          |       | 121        |          | +       | +       | $\dashv$                | $\dashv$ | $\dashv$ | 十   | $\dashv$     | ⊢։       |
| $\dashv$ | 22       |              |          | _ | _ | $\vdash$     | $\vdash$ |                 | $\vdash$        | -         |      |       | 72       | _               | +                 | +       | $\top$  | +         | $\vdash$        |                 | ╛        |          |       | 122        | _        | 十       | +       | +                       | $\dashv$ | $\dashv$ | +   | 十            | $\neg$   |
| ╗        | 23       |              |          | - |   |              | $\vdash$ | П               |                 | $\dashv$  |      |       | 73       | _               | _                 | T       | ╈       | t         | $\vdash$        | 寸               | ٦        | ľ        |       | 123        | $\dashv$ | ╈       | $^{+}$  | +                       | $\dashv$ | 1        | $\top$  | $\dashv$     | _        |
| 7        | 24       |              |          |   |   |              | T        | П               |                 | _         |      |       | 74       | 一               | 1                 |         | T       | t         |                 | _               |          | Ì        |       | 124        | 1        | T       | $\top$  | 7                       | 寸        | T        | 十   | 十            | $\dashv$ |
|          | 25       |              |          |   |   |              |          | П               |                 | $\neg$    |      |       | 75       | 一十              |                   |         | ✝       | T         |                 |                 |          |          |       | 125        |          | $\top$  | 十       | 寸                       | $\neg$   | 寸        | ヿ   | 十            |          |
| ヿ        | 26       |              |          |   |   |              |          | П               |                 | $\exists$ |      |       | 76       | $\neg \uparrow$ | 1                 | _       | ┪       | $\dagger$ | П               | $\neg \uparrow$ |          |          |       | 126        |          | $\top$  | $\top$  | 十                       | 十        | 寸        | ヿ   | 寸            |          |
| ヿ        | 27       |              |          |   |   |              |          | П               |                 |           |      |       | 77       |                 | T                 |         |         |           |                 |                 |          |          |       | 127        |          |         | _       | $\top$                  | $\neg$   |          | T   | 寸            |          |
| ╛        | 28       |              |          |   |   |              |          | П               | $\Box$          |           |      |       | 78       |                 | 1                 |         | ╅       | Τ         | $\Box$          |                 |          |          |       | 128        |          | $\top$  | $\top$  | ヿ                       | $\neg$   |          | 十   | ヿ            |          |
|          | 29       |              |          |   |   |              |          | П               |                 | _         |      |       | 79       |                 | $\top$            | T       | T       | 1         | П               | T               | $\Box$   |          |       | 129        | _        | $\top$  | $\top$  | 1                       | 寸        | $\neg$   | $\neg$  | $\top$       |          |
| T        | 30       |              |          |   |   |              |          | П               |                 |           |      |       | 80       |                 | T                 | T       | T       |           | П               | 一               |          |          |       | 130        |          | Τ       | ╗       | 7                       | $\neg$   | 寸        | ヿ   | 寸            |          |
|          | 31       |              |          |   |   |              |          |                 |                 |           |      |       | 81       |                 |                   |         |         |           |                 |                 |          |          |       | 131        |          | Т       | T       |                         | Т        |          | $\top$  | $\Box$       |          |
|          | 32       |              |          |   |   |              |          |                 |                 |           |      |       | 82       |                 |                   | Ţ       |         |           |                 |                 |          |          |       | 132        |          |         |         |                         |          |          | $\Box$  | $\Box$       |          |
|          | 33       |              |          |   |   |              |          |                 |                 |           |      |       | 83       |                 |                   |         |         |           |                 |                 |          |          |       | 133        |          |         |         |                         |          |          | $\Box$  | $\Box$       |          |
| $\Box$   | 34       |              |          |   |   | $\Box$       | $\Box$   | $\Box$          |                 | _]        |      |       | 84       |                 | $\bot \mathbb{L}$ |         |         |           | $\Box$          |                 |          | [        |       | 134        |          |         |         | $oldsymbol{\mathbb{I}}$ |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{\bot}$ |          |
| $\perp$  | 35       |              |          |   |   | <u> </u>     | _        | Ш               | $\sqcup$        | _         |      |       | 85       |                 | $\perp$           | $\perp$ | $\perp$ | 1         | Ш               | $\perp$         |          |          |       | 135        | _ [      |         |         |                         | _        | _[       | $\perp$   |              | _        |
| $\perp$  | 36       |              |          |   |   | <u> </u>     | <u> </u> | Ш               | $\sqcup$        | _         |      |       | 86       | [               | $\perp$           |         | Ţ       | $\perp$   | Ц               | [               | $\Box$   |          |       | 136        |          | 1       |         |                         | $\Box$   | _[       | $\bot$  | $\perp$      |          |
| $\perp$  | 37       |              |          |   |   | <u> </u>     | $\perp$  | Ш               | $\sqcup$        | _         |      |       | 87       |                 | $\perp$           | $\perp$ | $\perp$ | $\perp$   | Ц               |                 |          |          |       | 137        | $\perp$  | 1       |         | $\perp$                 | $\perp$  | $\perp$  | $\perp$   | $\dashv$     | _        |
| _        | 38       | _            |          |   |   | <u> </u>     | $\vdash$ | Щ               | $\sqcup$        | _ :       |      |       | 88       | $\perp$         | $\perp$           | _       | 1       | $\perp$   | Ш               | _               | _        |          |       | 138        |          | $\bot$  | $\perp$ | 4                       | 4        | $\perp$  | $\dashv$  |              | _        |
| _        | 39       |              |          |   |   | _            | $\vdash$ | Щ               | $\vdash \vdash$ | _         |      |       | 89       | _               | 4                 | $\bot$  | 4       | ╀-        | $\sqcup$        | _               | _        |          |       | 139        |          | 4       | 4       | 4                       | 4        | _        | $\dashv$  | $\dashv$     | $\Box$   |
| _        | 40       | _            | _        |   |   |              | ļ.,      | $\sqcup$        | $\rightarrow$   | _         |      |       | 90       |                 | 4                 | _       | $\bot$  | ╄         |                 | _               | [        |          |       | 140        | _        | ╀       | $\bot$  | $\perp$                 | _        | 4        | $\dashv$  | $\dashv$     | _        |
| 4        | 41       |              |          | _ |   | <u> </u>     | -        | $\sqcup$        | $\vdash$        | 4         |      |       | 91       | $\dashv$        | +                 | +       | +       | $\vdash$  | $\sqcup$        | -               | _        |          |       | 141        | $\perp$  | - -     | -       | 4                       | 4        | $\dashv$ | $\dashv$  | $\dashv$     | _        |
| 4        | 42       | _            | _        |   | _ | _            | $\vdash$ | $\vdash \vdash$ | $\dashv$        | _         |      |       | 92       | $\dashv$        | - -               | - -     | +       | +-        | $\sqcup$        | $\dashv$        | 4        |          |       | 142        | $\dashv$ | +       | -       | 4                       | 4        | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| -        | 43       | 4            | _        |   | _ | <u> </u>     | $\vdash$ | $\vdash$        |                 |           |      |       | 93       | -               |                   | +       | +       | +-        | $\vdash \vdash$ | $\dashv$        | [        |          |       | 143        | +        | +       | +       | +                       | 4        |          | $\dashv$  | $\dashv$     | $\dashv$ |
| $\dashv$ | 44       |              |          | - |   |              | -        | ┝┥              |                 |           |      |       | 94       |                 | +                 | +       | +       | +         | $\vdash$        | +               | -        | ::::     |       | 144        |          | +       | +       | +                       | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| $\dashv$ | 45       |              |          | _ |   | _            | -        | $\vdash$        | $\dashv$        | -         |      |       | 95       | $\dashv$        | +                 | +       | +       | +         | $\vdash \vdash$ | $\dashv$        | -        |          |       | 145        | +        | - -     | +       | +                       | +        | $\dashv$ | +   | +            | $\dashv$ |
| $\dashv$ | 46       | -            |          | _ |   | -            | $\vdash$ | $\vdash \dashv$ | -               |           |      |       | 96<br>97 | -               | +                 | +       | +       | +-        | $\vdash \vdash$ | $\dashv$        | -        | <b>.</b> |       | 146        | -        | +       | +       | +                       | $\dashv$ | $\dashv$ | +   | +            | $\dashv$ |
| +        | 47<br>48 | $\dashv$     | $\dashv$ | - |   |              | H        | $\vdash \vdash$ | $\dashv$        |           |      |       | 98       | +               | +                 | +       | +       | ╁         | $\vdash \vdash$ | $\dashv$        | -        |          |       | 147        |          | +       | +       | +                       | $\dashv$ | $\dashv$ | +   | +            | $\dashv$ |
| $\dashv$ | 48       |              | -        |   | _ | <del> </del> | ╁        | $\vdash \vdash$ | $\dashv$        | $\dashv$  |      |       | 99       | $\dashv$        | +                 | +       | +       | ╁         | $\vdash$        | $\dashv$        | $\dashv$ | -        |       | 148<br>149 | +        | +       | +       | +                       | -+       | -+       | +   | +            | $\dashv$ |
| +        | 50       | $\dashv$     | $\dashv$ |   | _ |              | $\vdash$ | $\vdash \vdash$ | $\dashv$        |           |      |       | 100      | $\dashv$        | +                 | +-      | +       | +         | $\vdash$        | -               | $\dashv$ | -        |       | 150        | -        | +       | +       | +                       | +        | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| _        | <u> </u> |              |          |   |   | Ц            | 1        |                 |                 | ::        | ۰۰۰L |       | 100      |                 |                   | l_      |         |           | ш               | ш.,             | :ل_      | ::::     |       | 100        |          |         |         | L_                      | 1_       |          |   | ᆚ            |          |